



RECEIVED

MAR 16 2012

DIV. OF OIL, GAS & MINING

Denison Mines (USA) Corp.
1050 17th Street, Suite 950
Denver, CO 80265
USA

Tel : 303 628-7798
Fax : 303 389-4125

www.denisonmines.com

March 14, 2012

Daren Rasmussen
Department of Natural Resources
Division of Water Rights
1594 West North Temple, Suite 220
Salt Lake City, Utah 84114-6300

Karen Clementson
US Army Corps of Engineers
St George Regulatory Office
321 N. Mall Drive Suite L-101
St George, Utah 84790

Re: Joint Permit Application for Stream Alteration; Pandora Mine Location: Section 5, Township 29 South, Range 25 East, New Mexico Prime Meridian, San Juan County, Utah.

Enclosed please find a Joint Permit Application Form for the above referenced project site, with the following attachments:

- A: Joint Permit Application
- B: Pandora Mine Waste Rock Area Expansion Wetlands Determination, provided by SWCA Environmental Consultants, July 21, 2009.
- C: Drainage Report for Pandora Mine, San Juan County, Utah; Prepared by CDM Inc., December 2009.
- D: CONFIDENTIAL: A Class III Cultural Resource Inventory of the Pandora 2009 Project, Waste Rock Area Expansion, San Juan County, Utah
- E: Previous Stream Alteration Permit Number 10-05-03SA
- F: Record of Conversation (Email chain with Mr. Travis Morse, USACE, June 2010)

Also enclosed is Denison Mines (USA) Check number 57994 in the amount of \$2,000 for the commercial entity fee for application.

Please contact Christy Woodward at (303) 389-4136 or myself at (303) 389-4155 with any questions or concerns.

Yours very truly,

DENISON MINES (USA) CORP.

A handwritten signature in cursive script that reads "Christy Woodward".

Christy Woodward, PE
Environmental Coordinator

Encl.

Cc: Denison Mines (USA) Corp., File

Paul Baker, Utah Division of Oil, Gas and Mining
Rebecca Doolittle, US Bureau of Land Management, Moab Field Office
Joel Nowak, US Forest Service – Manti-La Sal National Forest

Rec. by _____
 Fee Rec. _____
 Receipt # _____

JOINT PERMIT APPLICATION FORM

U.S. ARMY CORPS OF ENGINEERS – FOR SECTIONS 404 AND 10

UTAH STATE ENGINEER'S OFFICE – FOR NATURAL STREAM CHANNELS

Application Number _____ / _____
 (assigned by): _____ Corps _____ State Engineer

| | | | | | |
|---|----------|--|---------------|---|--|
| Applicant's Name (Last, First M.I. or entity if not an individual) Denison Mines (USA) Corp. | | Authorized Applicant Representative (if any) Philip Buck | | Applicant's Telephone Number and Area Code (303) 628.7798 Representative's Telephone Number and Area Code (303) 389.4136 | |
| Applicant's Address (Street, RFD, Box, Number, City, State, Zip) Denison Mines (USA) Corp. 1050 17th Street, Ste. 950 Denver, Colorado 80265 | | | | | |
| PROJECT LOCATION | | | | | |
| Quarter Section(s) | Section | Township | Range | Base & Meridian | |
| SE 1/4 | 5 | T 29 S | R 25 E | New Mexico Prime Meridian | |
| County San Juan | | Associated Watercourse or Watercourse to be Altered <small>unnamed tributary to East Coyote Wash, which drains to the Dolores River</small> | | Check one: <input type="checkbox"/> Within City Limits <input checked="" type="checkbox"/> Outside City Limits List town or nearest town: La Sal, Utah | |
| Project location or address. See above legal description. | | | | | |
| Brief description of project including methods and equipment to be employed to complete the work: A small portion of an unnamed tributary flows beneath the access road to the Pandora Mine, and then runs adjacent to Mine development rock area. An expansion of the development rock pile at the Mine and the addition of a topsoil stockpile need to be made; thus requiring the relocation of 1,055 feet of this channel. IN addition, drainage calculations have been updated and new culverts are needed to transport the channel beneath the road to adequately control a 100-year, 24-hour storm. A copy of the drainage report prepared for the project is attached. | | | | | |
| Purpose (justification) of project: The development rock pile at the Pandora Mine needs to be expanded and the drainage calculations for this facility have been updated necessitating needed improvements to convey the 100-year, 24-hour storm. | | | | | |
| Is this a single and complete project or is part of a larger project, continuing project, or other related activities? If so, please describe the larger project or other related activities. This project is part of the expansion of the Pandora Mine development rock pile to continue operations and allow adequate room for reclamation at the mine facility. | | | | | |
| If project included the discharge of dredged or fill material into a watercourse or wetland: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Cubic yards of material: Acreage or square footage of waters of the United States affected by the project: Source and type of fill material: Length of stream that will be impacted below ordinary high water elevation: </div> <div style="width: 50%;"> Stream is ephemeral, no discharge is anticipated; however, small amounts could occur if there is a storm event during construction. No wetlands will be affected (see attached wetland assessment and letter from USACE). Approximately 1.0 acres of waters of the US will be disturbed. 4,391 cubic yards of fill will be obtained from the existing channel bottom or clean native fill will be imported from an approved source. 1,055 total feet of stream to be altered. Stream is ephemeral and flows are highly intermittent, no real high water elevation can be determined. </div> </div> | | | | | |

Alternatives (other ways to accomplish project purpose):

The channel could be moved slightly closer to the existing area; however, this puts the channel closer to the development rock area for the mine and it is not desirable for surface water to come into contact with this area; therefore, this is the best engineered solution to this channel relocation.

Describe any proposed mitigation to offset impacts to the stream channel.

The proposed improvements are minor, but will likely protect the stream and improve stream bed health.

Cultural resource impacts:

Are you aware of any cultural resources or any historic properties that will be impacted by the proposed project? ☐ Yes ☒ No

If Yes, please explain:

Has a cultural resource survey been conducted on the property where the proposed project is to occur?

☒ Yes ☐ No

If Yes, please briefly explain the survey results:

An intensive pedestrian cultural resource inventory was conducted by SWCA Environmental Consultants July 15, 2009 and no NRHP-eligible or otherwise significant cultural resources were found to occur in the project area of potential effect.

List other authorizations required by Federal, state, or local governments (i.e.: National Flood Insurance Program), and the status of those authorizations.

The US Bureau of Land Management is conducting an Environmental Assessment for this project under the National Environmental Protection Act to ensure that no unnecessary or undue degradation occurs as a result of this project. Their approval is required prior to relocation of the channel.

Bureau of Land Management - Moab Field Office
Rebecca Doolittle, Geologist - Project Manager
82 E. Dogwood Street
Moab, Utah 84532

Estimated starting date of project:

6/1/2012

Estimated completion date:

9/1/2012

Please complete the following checklist

Failure to indicate that all pertinent information has been submitted will result in your application being returned.

- ☒ Appropriate application processing fee payment (see fee schedule below).
- ☒ A clear site location map with enough detail to easily find the site, a recent aerial/satellite image of the site, and a USGS topography map (7.5 minute quadrangle map is recommended).
- ☒ Plan view and cross-sectional drawings showing all work requiring a permit, including fills, structures, borrow sites, staging areas and storage areas. The drawings must clearly demarcate the ordinary high water mark of the waters of the U.S. to be impacted. Professional drawings are not required; however, drawings must be scaled or indicate dimensions of the work to be completed.
- ☒ A restoration plan for any areas temporarily disturbed during work, including re-contouring, revegetation with appropriate native plants and maintenance and monitoring to ensure success for the restored area.
- ☒ Ground photographs taken from various locations of the proposed disturbance area.
- ☒ Please check the box if the proposed project involves bank stabilization or protection. If so, please complete the following:
 - ☒ A narrative demonstrating the proposed activity incorporates the least damaging bank protection methods. These methods include, but are not limited to, the use of bioengineering, biotechnical design, root wads, large woody debris, native plantings, and beach nourishment in certain circumstances. If rock must be used due to site erosion conditions, explain how the bank stabilization structure incorporates elements beneficial to aquatic organisms.

- ☒ A description of current and expected post-activity sediment movement and deposition patterns in and near the activity area.
- ☒ A description of current and expected post-activity habitat conditions, including the presence of fish, wildlife and plant species in the activity area.
- ☒ An assessment of the likely impact the work would have on upstream, downstream and cross-stream properties (at a minimum the area assessed should extend from the nearest upstream bend to the nearest downstream bend of the watercourse). Specifically, discuss how the project will impact the following:
 - Will the activity accelerate deposition or erosion?
 - Will impacts to sensitive species or habitats result from a change in suspended sediment load or turbidity?
 - Will the activity affect the diversity of the channel by eliminating in-stream habitat, meanders, or gravel bars?
 - Will the activity result in a shift in the main flow patterns?
- ☒ A planting plan which involves the use of native riparian plants, unless the applicant demonstrates it is not appropriate or not practicable.

Application is hereby made for a permit or permits to authorize the activities described herein. I certify that I am familiar with the information contained in the application, and that to the best of my knowledge and belief, such information is true, complete and accurate. I further certify that I possess the authority to undertake the proposed activities or am acting as the duly authorized agent of the applicant which is a (check one of the following) ☒ commercial ☐ non-commercial ☐ or governmental ☐ entity.

Signature of Applicant

Phil G. Buck

Date:

MARCH 14, 2012

I hereby certify that

Christy Woodward, Environmental Coordinator

is acting as my agent on this project.

Agent's address and telephone number:

303.389.4136

Filing Instructions

Application supplements should be submitted on paper no larger than 11 x 17 inches or alternatively as PDF format electronic files. If more than one watercourse is to be altered as a result of the project, a separate application must be submitted for each watercourse. Application fees must be received by the Division of Water Rights at the time of application submission and must be either hand delivered or submitted through standard mail.

Application Processing Fees

Application fees are based on the type of entity applying for the proposed stream alteration project.

| | | |
|--------------------------|-----------|----------------------------|
| Commercial Entities: | \$2000.00 | per application processed. |
| Non-Commercial Entities: | \$100.00 | per application processed. |
| Governmental Entities: | \$500.00 | per application processed. |